

TRANSACTION AUTHENTICATION CARD

ABSTRACT

A transaction authentication card uses a biometric input and a wireless output. The biometric input may be a sensor pad on the transaction authentication card that measures blood flow patterns, temperature, and/or fingerprint patterns to identify a user to permit access. The transaction authentication card is preferably substantially rigid, but may be formed to have some flexibility. Power to the transaction authentication card may be accomplished through an internal battery that is optionally rechargeable. Biometric data is stored on the card only and used for user verification. Biometric data will not be transferred from the card. If authorized biometric data is authenticated the card will transmit a wireless access code to a proximity reader or transaction equipment.